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(54) Title: IMPROVED STENT FOR USE IN CARDIAC, CRANIAL AND OTHER ARTERIES

(57) Abstract: The present invention is directed to a medical device, such as a stent, having a coating comprising a release component and an insoluble fibrous component. The release component is capable of being degraded thus leaving a gap between the stent and the insoluble fibrous component. Further, the insoluble fibrous component is capable of being wrapped about the stent, and capable of moving substantially freely about the stent upon degradation of the release component. This capacity enables the insoluble fibrous component to form a reinforced thrombus plug in, for instance, an aneurysm or fistula.



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